

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#7

APPLICANT : Yip, et al.  
 SERIAL NO : 09/744,628  
 FILED : January 25, 2001  
 TITLE : IDENTIFICATION OF COMPOUNDS FOR MODULATING  
 DIMERIC RECEPTORS

Conf. No. : 3027  
 Docket No. : P04885US1

**STATEMENT TO SUPPORT FILINGS AND SUBMISSIONS  
 IN ACCORDANCE WITH 37 CFR §§1.821 - 1.825**

Commissioner of Patents and Trademarks  
 Washington, D.C. 20231

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I, Heidi S. Nebel, hereby declare and state the following:

1. I am the attorney of record in the above-identified case.
2. The content of the paper and computer readable copies of the sequence listing submitted herewith are the same and, where applicable, include no new matter, as required by 37 CFR 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that

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Heidi S. Nebel

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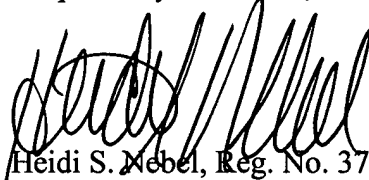
Dated

6/3/02



Heidi S. Nebel

Respectfully submitted,



Heidi S. Nebel, Reg. No. 37,719  
McKEE, VOORHEES & SEASE, PLC  
801 Grand Avenue, Suite 3200  
Des Moines, Iowa 50309-2721  
telephone 515-288-3667  
facsimile 515-288-1338

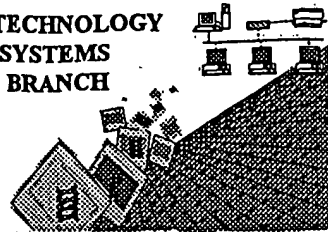
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## **RAW SEQUENCE LISTING** **ERROR REPORT**

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

09/744,628

Source:

PCT09

Date Processed by STIC:

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PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

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PCT09

Error on p. 2

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/744,628

DATE: 03/21/2002  
TIME: 15:24:12

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Output Set: N:\CRF3\03212002\I744628.raw

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5 <120> TITLE OF INVENTION: IDENTIFICATION OF COMPOUNDS FOR MODULATING DIMERIC RECEPTORS
7 <130> FILE REFERENCE: P04885US1
9 <140> CURRENT APPLICATION NUMBER: 09/744628
C--> 10 <141> CURRENT FILING DATE: 2001-10-09
12 <150> PRIOR APPLICATION NUMBER: PCT/CA00/00605
13 <151> PRIOR FILING DATE: 2000-05-25
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28     X(4)=D X(5)=Q,S,T,N X(6)=A,V,I,P,F,W,M,C,G
29     X(7)=D X(8)=K,H X(9)=A,V,I,P,L,W,M,C,G
30     X(10)=A,V,I,P,L,W,M,C,G X(11)=Q,S,T,N X(12)=H,R
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36 1             5             10             15
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48 <222> LOCATION: (1)..(21)
49 <223> OTHER INFORMATION: X(1)=D X(2)=Q,S,T,Y
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51     X(5)=D X(6)=Q,S,T,Y
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60             20
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63 <211> LENGTH: 30
64 <212> TYPE: PRT

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RAW SEQUENCE LISTING  
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68 <221> NAME/KEY: PEPTIDE  
69 <222> LOCATION: (1)..(30)  
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71 X(5)=Q,S,T,N X(6)=A,V,I,P,F,W,M,C,G X(7)=D X(8)=K,H  
72 X(9)=A,V,I,P,L,W,M,C,G X(10)=A,V,I,P,L,W,M,C,G X(11)=Q,S,T,N  
73 X(12)=H,R X(13)=H,R  
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W--> 78 Phe Val Asn Gln His Leu Cys Gly Xaa Xaa Leu Xaa Xaa Ala Leu Xaa  
79 1 5 10 15

W--> 81 Xaa Val Cys Gly Xaa Xaa Gly Xaa Xaa Xaa Thr Xaa Pro Thr  
82 20 25 30

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91 <222> LOCATION: (1)..(21)  
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93 X(3)=N,Q,S,T,Y X(4)=Q,S,T,Y  
94 X(5)=D X(6)=Q,S,T,Y  
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W--> 99 Gly Ile Val Xaa Xaa Cys Cys Xaa Ser Ile Cys Ser Leu Tyr Xaa Leu  
100 1 5 10 15

W--> 102 Xaa Asn Tyr Cys Xaa  
103 20

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107 <212> TYPE: PRT  
108 <213> ORGANISM: Bos taurus  
110 <220> FEATURE:  
111 <221> NAME/KEY: PEPTIDE  
112 <222> LOCATION: (1)..(30)  
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115 X(7)=D X(8)=K,H X(9)=A,V,I,P,L,W,M,C,G  
116 X(10)=A,V,I,P,L,W,M,C,G X(11)=Q,S,T,N X(12)=H,R  
119 <400> SEQUENCE: 5

W--> 121 Phe Val Asn Gln His Leu Cys Gly Xaa Xaa Leu Xaa Xaa Ala Leu Xaa  
122 1 5 10 15

W--> 124 Xaa Val Cys Gly Xaa Xaa Gly Xaa Xaa Xaa Thr Pro Xaa Ala  
125 20 25 30

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129 <212> TYPE: PRT  
130 <213> ORGANISM: Bos taurus  
132 <220> FEATURE:

*There are only  
12 Xaas listed*

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/744,628

DATE: 03/21/2002

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W--> 145 Xaa Asn Tyr Cys Xaa
      146           20
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153 <220> FEATURE:
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155 <222> LOCATION: (1)..(30)
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157       X(4)=D X(5)=Q,S,T,N X(6)=A,V,I,P,F,W,M,C,G
158       X(7)=D X(8)=K,H X(9)=A,V,I,P,L,W,M,C,G
159       X(10)=A,V,I,P,L,W,M,C,G X(11)=Q,S,T,N X(12)=H,R
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W--> 164 Phe Val Asn Gln His Leu Cys Gly Xaa Xaa Leu Xaa Xaa Ala Leu Xaa
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183 <400> SEQUENCE: 8
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W--> 188 Xaa Asn Tyr Cys Xaa
      189           20
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193 <212> TYPE: PRT
194 <213> ORGANISM: Homo sapiens
196 <220> FEATURE:
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## RAW SEQUENCE LISTING

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Input Set : A:\SEQUENCE LISTING.txt

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202 Phe Val Asn Gln His Leu Cys Gly Ser His Leu Val Glu Ala Leu Tyr
203 1                      5                      10                      15
205 Leu Val Cys Gly Glu Arg Gly Phe Phe Tyr Thr Pro Lys Thr
206                      20                      25                      30
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211 <213> ORGANISM: Homo sapiens
213 <220> FEATURE:
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215 <222> LOCATION: (1)..(21)
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223                      20
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227 <212> TYPE: PRT
228 <213> ORGANISM: Bos taurus
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236 Phe Val Asn Gln His Leu Cys Gly Ser His Leu Val Glu Ala Leu Tyr
237 1                      5                      10                      15
239 Leu Val Cys Gly Glu Arg Gly Phe Phe Tyr Thr Pro Lys Ala
240                      20                      25                      30
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245 <213> ORGANISM: Bos taurus
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253 Gly Ile Val Glu Gln Cys Cys Ala Ser Val Cys Ser Leu Tyr Gln Leu
254 1                      5                      10                      15
256 Glu Asn Tyr Cys Asn
257                      20
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260 <211> LENGTH: 30
261 <212> TYPE: PRT
262 <213> ORGANISM: Sus scrofa
264 <220> FEATURE:
265 <221> NAME/KEY: PEPTIDE
266 <222> LOCATION: (1)..(30)
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270 Phe Val Asn Gln His Leu Cys Gly Ser His Leu Val Glu Ala Leu Tyr

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## RAW SEQUENCE LISTING

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273 Leu Val Cys Gly Glu Arg Gly Phe Phe Tyr Thr Pro Lys Ala
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279 <213> ORGANISM: Sus scrofa
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282 <221> NAME/KEY: PEPTIDE
283 <222> LOCATION: (1)..(21)
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290 Glu Asn Tyr Cys Asn
291          20
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300 <222> LOCATION: (1)..(27)
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307 Ala Val Ala Ala Leu Leu Leu Gly Ala Ala Gly
308          20          25
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313 <213> ORGANISM: Homo sapiens
315 <220> FEATURE:
316 <221> NAME/KEY: CHAIN
317 <222> LOCATION: (1)..(719)
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321 His Leu Tyr Pro Gly Glu Val Cys Pro Gly Met Asp Ile Arg Asn Asn
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324 Leu Thr Arg Leu His Glu Leu Glu Asn Cys Ser Val Ile Glu Gly His
325          20          25          30
327 Leu Gln Ile Leu Leu Met Phe Lys Thr Arg Pro Glu Asp Phe Arg Asp
328          35          40          45
330 Leu Ser Phe Pro Lys Leu Ile Met Ile Thr Asp Tyr Leu Leu Leu Phe
331          50          55          60
333 Arg Val Tyr Gly Leu Glu Ser Leu Lys Asp Leu Phe Pro Asn Leu Thr
334 65          70          75          80
336 Val Ile Arg Gly Ser Arg Leu Phe Phe Asn Tyr Ala Leu Val Ile Phe
337          85          90          95
339 Glu Met Val His Leu Lys Glu Leu Gly Leu Tyr Asn Leu Met Asn Ile
340          100          105          110

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## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/744,628

DATE: 03/21/2002

TIME: 15:24:13

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Output Set: N:\CRF3\03212002\I744628.raw

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L:38 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1  
L:56 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
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